

# Water Quality Characteristics by Water Quality Zone

## August 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	231	192	71.6	188	314	3	31%
	2	119	120	9.1	108	131	9	8%
	3	171	188	54.5	86	239	13	32%
	4	100	95	18.4	76	135	10	18%
	5	112	117	16.7	74	137	11	15%
	6	112	112	5.0	103	121	9	4%
	7	114	114	6.8	103	126	9	6%
	8	169	148	52.6	132	274	6	31%
	9	88	82	18.7	68	122	8	21%
	10	74	74	1.1	73	76	5	2%
	System Wide	125	114	46.6	68	314	83	37%
<b>TDS ppm</b>	1	411	412	116.3	177	606	10	28%
	2	292	289	11.1	274	310	27	4%
	3	346	324	107.1	198	633	34	31%
	4	247	253	27.3	192	300	25	11%
	5	256	256	30.3	176	302	36	12%
	6	249	248	24.3	205	291	28	10%
	7	237	226	31.8	178	300	29	13%
	8	340	317	46.6	296	440	21	14%
	9	266	260	43.9	215	365	23	16%
	10	219	216	6.5	212	237	13	3%
	System Wide	281	267	71.8	176	633	246	26%
<b>Sodium ppm</b>	1	44	46	4.7	39	48	3	11%
	2	46	45	2.0	43	49	9	4%
	3	54	59	12.7	30	69	13	24%
	4	41	42	5.2	33	47	10	13%
	5	38	44	7.2	26	45	11	19%
	6	35	34	4.5	30	44	9	13%
	7	32	29	7.5	22	42	9	23%
	8	43	43	0.8	41	43	6	2%
	9	52	48	17.7	40	94	8	34%
	10	40	40	0.5	40	41	5	1%
	System Wide	43	43	10.9	22	94	83	26%

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## August 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<i>pH units</i>	1	7.5	7.5	0.25	7.1	8.1	10	3%
	2	7.8	7.8	0.13	7.5	8.1	27	2%
	3	7.8	7.8	0.17	7.4	8.1	34	2%
	4	7.8	8.0	0.23	7.3	8.1	25	3%
	5	7.6	7.7	0.27	7.1	8.0	36	4%
	6	7.7	7.8	0.23	7.1	8.1	28	3%
	7	7.7	7.8	0.21	7.1	8.0	29	3%
	8	7.5	7.5	0.11	7.3	7.7	21	1%
	9	7.8	7.9	0.22	7.4	8.2	23	3%
	10	7.8	7.8	0.13	7.5	7.9	13	2%
	System Wide	7.7	7.8	0.23	7.1	8.2	246	3%
<i>Chlorine ppm</i>	1	0.9	0.9	0.22	0.6	1.3	10	24%
	2	0.9	1.0	0.14	0.6	1.2	27	15%
	3	0.8	0.8	0.32	0.1	2.1	34	43%
	4	0.9	1.0	0.16	0.4	1.1	25	18%
	5	0.8	0.8	0.22	0.2	1.1	36	29%
	6	0.8	0.8	0.18	0.2	1.2	28	24%
	7	0.8	0.8	0.09	0.6	0.9	29	11%
	8	0.9	0.9	0.20	0.5	1.2	21	24%
	9	0.9	0.9	0.15	0.6	1.1	23	17%
	10	0.9	0.9	0.12	0.6	1.0	13	14%
	System Wide	0.8	0.8	0.21	0.1	2.1	246	25%
<i>Temperature deg C</i>	1	29.5	29.8	2.72	25.9	33.7	10	9%
	2	31.7	31.9	0.96	30.1	34.0	27	3%
	3	30.2	30.1	2.30	25.9	35.8	34	8%
	4	32.2	32.4	1.62	26.3	35.5	25	5%
	5	30.4	30.9	2.19	25.3	34.0	36	7%
	6	30.3	30.4	1.55	26.5	33.4	28	5%
	7	30.5	30.3	1.33	28.1	33.2	29	4%
	8	30.7	30.9	1.63	27.5	34.3	21	5%
	9	32.6	32.6	1.61	29.5	36.6	23	5%
	10	31.8	31.9	0.73	30.6	33.0	13	2%
	System Wide	31.0	31.2	1.94	25.3	36.6	246	6%